

SYSTEM AND METHOD OF FORMING STRUCTURAL
ASSEMBLIES WITH 3-D WOVEN JOINT PRE-FORMS

ABSTRACT OF THE DISCLOSURE

5 A system and method for forming structural assemblies with 3-D woven joint pre-forms. The method of the present invention forms complex structural assemblies with pre-formed structures. Adhesive is applied between the preformed structures and uncured 3-D woven textile pre-forms. Then together the preformed structures and uncured resin impregnated 3-D woven textile are cured with heat and/or pressure to form the larger complex structural assemblies.